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| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|---------------------|------------------|
| 10/722,999   | 11/24/2003  | Brian Freeman        | 203.001PT           | 9560             |
| 22045  | 7590        | 08/30/2006           | EXAMINER            |                  |
| BROOKS KUSHMAN P.C.<br>1000 TOWN CENTER<br>TWENTY-SECOND FLOOR<br>SOUTHFIELD, MI 48075 |             |                      | REDMAN, JERRY E     |                  |
|  |             |                      | ART UNIT            | PAPER NUMBER     |
|  |             |                      | 3634                |                  |

DATE MAILED: 08/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

|                              |                                      |                                       |  |
|------------------------------|--------------------------------------|---------------------------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>10/722,999 | <b>Applicant(s)</b><br>FREEMAN, BRIAN |  |
|                              | <b>Examiner</b><br>Jerry Redman      | <b>Art Unit</b><br>3634               |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 26 June 2006.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-15 is/are pending in the application.  
4a) Of the above claim(s) 8-11 is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 1-7, 12, 13 and 15 is/are rejected.  
7) ☒ Claim(s) 14 is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

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The status of the claims is as follows:

Claims 8-11 are hereby withdrawn from consideration; and

Claims 1-7 and 12-15 (newly added) are hereby addressed below.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-7, 12, 13, and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bunzl (2,827,284) in view of de la Huerga (2005/0091338 A1). Bunzl ('284) discloses an automatic door control system in combination with a door (1) comprising a motor (9) that generates torque, a clutch (16) that is connected to the motor through the use of a shaft (13), a wheel (17) that receives the torque, a spring (18) which forces the wheel (17) into contact with a friction surface, and a control module (elements 4 or 5, and column 2, lines 1-10). Bunzl ('284) fails to disclose a control module having a voice recognizer and/or user interface. U.S. patent to de la Huerga (2005/0091338 A1) discloses a control module having a voice recognizer and interface. It would have been obvious to one of ordinary skill in the art at the time of the invention to provide the automatic door control system of Bunzl ('284) with a control module having a voice recognizer and interface as taught by de la Huerga (2005/0091338 A1) since a voice recognizer and interface allows more discrete and secure operating

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system. With respect to claims 4-6, Bunzl ('284) fails to disclose the force required to move a door and more specifically, the force required to move the door having a range of 10-50 pounds and the friction to be in the range of 0.1 and 1.0. The amount of force required to move the door between a rolling surface and a surface is defined as the following: "coefficient of rolling friction is the ratio of the frictional force, parallel to the surface of contact, opposing the motion of a body rolling over another, to the force, normal to the surface of contact, with which the bodies press against each other" (McGraw-Hill, Dictionary of Physics and Mathematics, copyright, 1978, page 167), which is a basic and well known equation which is defined between a fixed surface and rolling surface contacting the fixed surface. It would have further obvious to one of ordinary skill in the art at the time of the invention to provide the opening force and friction force to be within 10-50 and .1 to 1 respectively since these ranges are well known ranges for moving a door and more specifically, opening/moving a door refrigerator door and one of ordinary skill in the art would inherently provide the drive assembly to operate within these broad ranges.

Claim 14 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.


Applicant's arguments with respect to claims 1-7 and 12-15 have been considered but are moot in view of the new ground(s) of rejection.

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Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication should be directed to Jerry Redman at telephone number 571-272-6835.



**Jerry Redman**  
**Primary Examiner**